

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------|------------------|---------|------------------|
| L1 | 2725 | (first near5 polysilicon).clm. | US-PGPU B | OR | ON | 2007/06/24 18:52 |
| L2 | 2546 | (second near5 polysilicon).clm. | US-PGPU B | OR | ON | 2007/06/24 18:52 |
| L3 | 610 | 1 and ((etch\$3 pattern\$3) near5 (first near5 polysilicon)).clm. | US-PGPU B | OR | ON | 2007/06/24 18:56 |
| L5 | 30 | 3 and ((thermal\$3 near8 oxid\$6) same (first near8 polysilicon)).clm. | US-PGPU B | OR | ON | 2007/06/24 18:58 |
| L6 | 28 | 2 and 5 | US-PGPU B | OR | ON | 2007/06/24 18:58 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|--|------------------|---------|---------------------|
| S13 | 221 | S12 and (thermal\$3 near5 (oxide oxidation oxidizing)) | EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/06/20 12:15 |
| S14 | 17 | (implant\$3 dop\$3) same nitrogen same front same polysilicon | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/20 12:54 |
| S15 | 4 | (implant\$3 dop\$3) and nitrogen and front and polysilicon | FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/09/30 13:25 |
| S16 | 970 | (implant\$3 dop\$3) same ("N.sub.2" nitrogen) same surface same polysilicon | US-PGPU B; USPAT; USOCR | OR | ON | 2006/09/30 13:27 |
| S17 | 196 | (implant\$3 dop\$3) and ("N.sub.2" nitrogen) and surface and polysilicon | FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/09/30 13:27 |
| S18 | 138645 | (flash (non near3 volatile) eeprom eprom e2prom) | EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/06/20 12:49 |
| S19 | 20432 | S18 and (float\$3 ner5 gate) | EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/06/20 12:50 |
| S20 | 8427 | S19 and (control near5 gate) | EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/06/20 12:15 |
| S21 | 250 | S20 and (thermal\$3 near5 (oxide oxidation oxidizing)) | EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/06/20 12:51 |

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|-----|--------|--|---|----|----|---------------------|
| S22 | 53 | S21 and thickness | EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/06/20 12:51 |
| S23 | 176 | thermal same oxidation same polysilicon same thickness same side same (wall face) same surface | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/20 12:33 |
| S24 | 497063 | (flash (non near3 volatile) eeprom eprom e2prom) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/20 12:49 |
| S25 | 121399 | S24 and (float\$3 ner5 gate) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/20 12:50 |
| S26 | 121399 | S25 and (float\$3 ner5 gate) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/20 12:50 |
| S27 | 9977 | S26 and (thermal\$3 near5 (oxide oxidation oxidizing)) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/20 12:51 |
| S28 | 8996 | S27 and thickness | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/20 12:52 |
| S29 | 1956 | S28 and ((thermal\$3 near5 (oxide oxidation oxidizing)) same (first near5 (silicon polysilicon))) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/20 12:56 |
| S30 | 3 | S29 and ((implant\$3 dop\$3) same nitrogen same front same polysilicon) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/20 12:54 |
| S31 | 54 | S29 and (thickness same oxide same (side sidewall) same (front face)) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/20 12:57 |
| S32 | 136 | thermal near20 oxid\$6 near20 gate near20 thick near20 thin near20 oxide | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/22 22:09 |
| S33 | 55 | S32 and (float\$3 near8 gate) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/22 22:05 |

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| S34 | 180 | thermal same oxid\$6 same gate same thick same thin same oxide | FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/06/22 22:09 |
| S35 | 2816 | (438/257).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 14:33 |
| S36 | 1034 | S35 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 14:50 |
| S37 | 1 | 10/761223 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 14:12 |
| S38 | 1799 | (438/258-260).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 14:49 |
| S39 | 651 | S38 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 14:33 |
| S40 | 475 | S39 not S36 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 14:42 |
| S41 | 1 | ("5,017,979").PN. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 14:42 |
| S42 | 1195 | (438/261-263).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 14:50 |
| S43 | 505 | S42 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 14:50 |
| S44 | 1509 | S39 S36 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 14:50 |
| S45 | 277 | S43 not S44 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 15:10 |
| S46 | 2816 | (438/257).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 15:10 |

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| S47 | 1034 | S46 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 15:17 |
| S48 | 1799 | (438/258-260).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 15:10 |
| S49 | 651 | S48 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 15:51 |
| S50 | 1195 | (438/261-263).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 15:17 |
| S51 | 505 | S50 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 15:10 |
| S52 | 1509 | S49 S47 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 15:10 |
| S53 | 277 | S51 not S52 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 15:10 |
| S54 | 1980 | (438/263-267).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 15:17 |
| S55 | 829 | S54 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 15:18 |
| S56 | 1786 | S47 S49 S51 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 15:18 |
| S57 | 317 | S55 not S56 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 15:51 |
| S58 | 2103 | S47 S49 S51 S55 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 15:51 |
| S59 | 1547 | (257/314).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 16:13 |
| S60 | 515 | S59 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:13 |

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|-----|------|------------------------------------|-------------------------------|----|-----|---------------------|
| S61 | 379 | S60 not S58 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:57 |
| S62 | 3932 | (257/315-317).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 17:28 |
| S63 | 1306 | S62 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:13 |
| S64 | 3514 | S58 S59 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:13 |
| S65 | 773 | S63 not S64 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:14 |
| S66 | 3932 | (257/315-317).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 16:57 |
| S67 | 2816 | (438/257).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 16:57 |
| S68 | 1034 | S67 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:58 |
| S69 | 1799 | (438/258-260).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 16:57 |
| S70 | 651 | S69 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:57 |
| S71 | 1195 | (438/261-263).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 16:57 |
| S72 | 505 | S71 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:57 |
| S73 | 1980 | (438/263-267).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 16:57 |
| S74 | 829 | S73 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:57 |

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|-----|------|---|-------------------------------|----|-----|---------------------|
| S75 | 2103 | S68 S70 S72 S74 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:58 |
| S76 | 1547 | (257/314).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 16:57 |
| S77 | 515 | S76 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:57 |
| S78 | 379 | S77 not S75 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:57 |
| S79 | 1306 | S66 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:28 |
| S80 | 2482 | S68 S70 S72 S74 S78 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:58 |
| S81 | 773 | S79 not S80 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 16:59 |
| S82 | 2133 | S80 and (thickness near8 (insulat\$3 dielectric oxide)) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:29 |
| S83 | 661 | S81 and (thickness near8 (insulat\$3 dielectric oxide)) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:00 |
| S84 | 1601 | (257/318-321).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2007/06/24 17:28 |
| S85 | 532 | S84 and (thermal near5 oxid\$3) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:28 |
| S86 | 489 | S85 and (thickness near8 (insulat\$3 dielectric oxide)) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:31 |
| S87 | 2482 | S80 S82 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:32 |
| S88 | 293 | S86 not S87 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:41 |

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|-----|-----|--|--|----|----|---------------------|
| S89 | 0 | variable near8 thickness near8 inter near8 poly near8 dielectric | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:43 |
| S90 | 499 | variable near8 thickness near8 dielectric | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:47 |
| S91 | 12 | S90 and (float\$3 near5 gate) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:47 |
| S92 | 30 | S90 and (control near5 gate) | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:45 |
| S93 | 7 | S91 and S92 | US-PGPU B; USPAT; USOCR | OR | ON | 2007/06/24 17:45 |
| S94 | 63 | variable near8 thickness near8 dielectric | FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/06/24 17:47 |
| S95 | 1 | S94 and (float\$3 near5 gate) | FPRS; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/06/24 17:47 |